The specification of which



MERCHANT & GOULD P.C.

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: ANTITHROMBIN H-HELIX MUTANTS.

a. is attached hereto b. was filed on as described and claimed in	application serial no. and was amo		the case of a PCT-filed application) I have reviewed and for which I solicit a
United States patent.		(11 44.7), 11.11.11	
I hereby state that I have any amendment referred t		of the above-identified specific	cation, including the claims, as amended by
certificate listed below an that of the application on in no such application	d have also identified below any forei the basis of which priority is claimed:	gn application for patent or inv	oreign application(s) for patent or inventor' ventor's certificate having a filing date before
FI F	FOREIGN APPLICATION(S), IF AN	Y, CLAIMING PRIORITY UNDER	35 USC § 119
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
= A	LL FOREIGN APPLICATION(S), IF ANY	, FILED BEFORE THE PRIORITY	Y APPLICATION(S)
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
L _a .	1		

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

U.S. PROVISIONAL APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)
06/195,872	7 APRIL 2000

§ 1.56 Duty to disclose information material to patentability.

IŲ

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

 (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim;
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the especification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
- (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Vor patent agent(s) to prosecute this applica-

nd to transact all business in the Patent and

Reg. No. 39,536

Reg. No. 45,255

I hereby appoint the following attorne

Trademark Office connected herewith:

Larson, James A.

Leon, Andrew J.

Reg. No. 40,481 Albrecht, John W. Leonard, Christopher J. Reg. No. 41,940 Reg. No. 46,359 Ali, M. Jeffer Liepa, Mara E. Reg. No. 40,066 Anderson, Gregg I. Reg. No. 28,828 Lindquist, Timothy A. Reg. No. 40,701 Batzli, Brian H. Reg. No. 32,960 Lycke, Lawrence E. Reg. No. 38,540 Reg. No. 27,612 Beard, John L. Mayfield, Denise L. Reg. No. 33,732 Reg. No. 32,044 Berns, John M. Reg. No. 43,496 McDonald, Daniel W. Black, Bruce E. Reg. No. 41,622 McIntyre, Jr., William F. Reg. No. 44,921 Branch, John W. Reg. No. 41,633 Mitchem, M. Todd Reg. No. 40,731 Bremer, Dennis C. Reg. No. 40,528 Mueller, Douglas P. Reg. No. 30,300 Bruess, Steven C. Reg. No. 34,130 Nichols, A. Shane Reg. No. 43,836 Byrne, Linda M. Reg. No. 32,404 Parsons, Nancy J. Reg. No. 40,364 Pauly, Daniel M. Campbell, Keith Reg. No. 46,597 Reg. No. 40,123 Carlson, Alan G. Reg. No. 25,959 Phillips, Bryan K. Reg. No. 46,990 Caspers, Philip P. Reg. No. 33,227 Phillips, John B. Reg. No. 37,206 Chiapetta, James R. Reg. No. 39,634 Prendergast, Paul Reg. No. 46,068 Clifford, John A. Reg. No. 30,247 Pytel, Melissa J. Reg. No. 41,512 Coldren, Richard J Reg. No 44,084 Qualey, Terry Reg. No. 25,148 Daignault, Ronald A. Reg. No. 25,968 Reich, John C. Reg. No. 37,703 Reg. No. 25,767 Daley, Dennis R. Reg. No. 34,994 Reiland, Earl D. Dalglish, Leslie E. Reg. No. 40,579 Roberts, Fred Reg. No. 34,707 Daulton, Julie R. Reg. No. 36,414 Samuels, Lisa A. Reg. No. 43,080 Reg. No. 42,157 DeVries Smith, Katherine M. Schmaltz, David G. Reg. No. 39,828 DiPietro, Mark J. Reg. No. 28,707 Schuman, Mark D. Reg. No. 31,197 Edell, Robert T. Reg. No. 20,187 Schumann, Michael D. Reg. No. 30,422 Epp Ryan, Sandra Reg. No. 39,667 Scull, Timothy B. Reg. No. 42,137 Glance, Robert J. Reg. No. 40,620 Sebald, Gregory A. Reg. No. 33,280 Goggin, Matthew J. Reg. No. 44,125 Skoog, Mark T. Reg. No. 40,178 Golla, Charles E. Reg. No. 26,896 Spellman, Steven J. Reg. No. 45,124 Gorman, Alan G. Reg. No. 38,472 Stoll-DeBell, Kirstin L. Reg. No. 43,164 Gould, John D. Reg. No. 18,223 Sumner, John P. Reg. No. 29,114 #Gregson, Richard Reg. No. 41,804 Swenson, Erik G. Reg. No. 45,147 Gresens, John J. Reg. No. 33,112 Tellekson, David K. Reg. No. 32,314 Hamer, Samuel A. Reg. No. 46,754 Trembath, Jon R. Reg. No. 38,344 Hamre, Curtis B. Reg. No. 29,165 Tuchman, Ido Reg. No. 45,924 Harrison, Kevin C. Reg. No. 46,759 Tunheim, Marcia A Reg. No. 42,189 Hertzberg, Brett A. Reg. No. 42,660 Underhill, Albert L. Reg. No. 27,403 Hillson, Randall A. Reg. No. 31,838 Vandenburgh, J. Derek Reg. No. 32,179 Holzer, Jr., Richard J. Reg. No. 42,668 Wahl, John R. Reg. No. 33,044 Johnston, Scott W. Reg. No. 39,721 Weaver, Karrie G. Reg. No. 43,245 Kadievitch, Natalie D. Reg. No. 34,196 Welter, Paul A. Reg. No. 20,890 Karjeker, Shaukat Reg. No. 34,049 Whipps, Brian Reg. No. 43,261 Kettelberger, Denise Reg. No. 33,924 Whitaker, John E. Reg. No. 42,222 Keys, Jeramie J. Reg. No. 42,724 Wickhem, J. Scot Reg. No. 41,376 Knearl, Homer L. Reg. No. 21,197 Williams, Douglas J. Reg. No. 27,054 Kowalchyk, Alan W. Reg. No. 31,535 Withers, James D. Reg. No. 40,376 Kowalchyk, Katherine M. Reg. No. 36,848 Witt, Jonelle Reg. No. 41,980 Lacy, Paul E. Reg. No. 38,946 Wu, Tong Reg. No. 43,361

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Merchant & Gould P.C. to the contrary.

Xu, Min S.

Zeuli, Anthony R.

I understand that the execution of this document, and the grant of a power of attorney, does not in itself establish an attorney-client relationship between the undersigned and the law firm Merchant & Gould P.C., or any of its attorneys.

Reg. No. 40,443

Reg. No. 46,869



Merchant & Gould P.C. P.O. Box 2903 Minneapolis, MN 55402-0903



I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2	Full Name Of Inventor	Family Name WALSTON	First Given Name TIMOTHY		Second Given Name
0	Residence & Citizenship	City LaCROSSE	State or Foreign Country WISCONSIN		Country of Citizenship USA
1	Mailing Address	Address	City LaCROSSE		State & Zip Code/Country WISCONSIN 54601/USA
Signature of Inventor 201:			Date:		
	Full Name Of Inventor	Family Name COOPER	First Given Name SCOTT		Second Given Name
10	Residence & Citizenship	City HOLMEN	State or Foreign Country WISCONSIN		Country of Citizenship USA
5 0	Mailing Address	Address	City HOLMEN		State & Zip Code/Country WISCONSIN 54636/USA
Signature of Inventor 202:				Date:	
	Full Name Of Inventor	Family Name REVZAIE	First Given Name ALIREZA		Second Given Name
	Residence & Citizenship	City ST. LOUIS	State or Foreign Country MISSOURI		Country of Citizenship USA
' 3	Mailing Address	Address City ST. LOUIS			State & Zip Code/Country MISSOURI 63104/USA
Signature of Inventor 203:			Date:		